

What is claimed is:

1 1. A tamper resistant mixture adjustment screw
2 arrangement for a carburetor comprising:

3 a) a carburetor body having a least one adjustment
4 screw threaded therein and projecting therefrom for
5 adjusting the air/fuel mixture in the carburetor, said
6 adjustment screw having a threaded shank and a head, said
7 head being defined by a smooth top surface and an
8 undulant, uneven side surface capable of being engaged
9 and mated by an adjusting tool having a complimentary
10 undulant, uneven surface for initially adjusting the
11 air/fuel mixture in the carburetor; and

12 b) a blocking curb extending from said carburetor
13 body to a level which at least substantially corresponds
14 to a projecting extent of each said adjustment screw and
15 being closely spaced to said head to prevent the screw
16 from being turned by commonly available tools, but to
17 permit said screw to be adjusted by said adjusting tool.

1 2. A tamper resistant mixture adjustment screw
2 arrangement according to claim 1, wherein said blocking
3 curb is integral with said carburetor body and has an
4 inside arcuate surface which is closely spaced to each
5 head for at least a major portion of the side surface of
6 each head.

1 3. A tamper resistant mixture adjustment screw
2 arrangement according to claim 2, wherein said blocking
3 curb extends beyond the projecting extent to each
4 adjustment screw.

1 4. A tamper resistant mixture adjustment screw
2 according to claim 1, wherein said blocking curb
3 comprises a sleeve surrounding said adjustment screw
4 and being retained by a spring surrounding said
5 threaded shank.

1 5. A tamper resistant mixture adjustment screw
2 arrangement according to claim 1, wherein said blocking
3 curb comprises a series of posts extending from said
4 carburetor body.

1 6. A tamper resistant mixture adjustment screw
2 arrangement according to claim 1; wherein said undulant,
3 uneven side surface is a straight knurl surface.

1 7. A tamper resistant mixture adjustment screw
2 arrangement according to claim 1, wherein said undulant
3 uneven side surface is a sinusoidal surface.

1 8. A tamper resistant mixture adjustment screw
2 arrangement according to claim 1, wherein said undulant,
3 uneven side surface is a gear or cog shape.

1 9. A tamper resistant mixture adjustment screw
2 arrangement for a carburetor comprising:

3 a) a carburetor body having at least one
4 adjustment screw threaded therein and projecting
5 therefrom for adjusting the air-fuel mixture in the
6 carburetor, said adjustment screw having a threaded shank
7 and a head, said head being defined by a smooth top
8 surface and an undulant, uneven side surface capable of
9 being engaged and mated by an adjusting tool having a
10 complimentary undulant, uneven surface for initially
11 adjusting the air/fuel mixture in the carburetor; and

12 b) a blocking curb extending from said carburetor
13 body and forming a chamber surrounding each said head, a
14 cylindrical access opening for each head, each said
15 access opening being axially aligned with a head and
16 having a diameter slightly larger than a diameter of its
17 axially aligned head to prevent said screw from being
18 turned by commonly available tools, but to permit said
19 screw to be adjusted by said adjusting tool.

1 10. A tamper resistant mixture adjustment screw
2 arrangement according to claim 9, wherein said undulant,
3 uneven side surface is a straight knurl surface.

1 11. A tamper resistant mixture adjustment screw
2 arrangement according to claim 9, wherein said undulant
3 uneven side surface is a sinusoidal surface.

1 12. A tamper resistant mixture adjustment screw
2 arrangement according to claim 9, wherein said undulant,
3 uneven side surface is a gear or cog shape.